Master Class: Building a Data Warehouse in SQL 2025 (BDWSQLMC)

ID BDWSQLMC **Price** CHF 4,995.—(excl. VAT) **Duration** 5 days

Who should attend

The target group are developers and architects who are planning to set up a data warehouse system.

You will gain an overview of the layers of a DWH system and finally learn how the various components interact.

Prerequisites

Basic knowledge in the following areas is desirable:

- Relational databases
- Language TSQL

Course Content

Overview of a data warehouse architecture

- Understanding the Layer Stage, Core Datawarehouse and DataMart

Basics of a data warehouse database

- Special features of a data warehouse database
- Familiarization with data models Starschema, Snowflag Schema, full historization and Data Vault models
- Modeling of dimension and facts
- Optimization concepts for large databases (partitioning, compression, indexing)

Setting up a data warehouse load with Microsoft Integration Services

- Introduction to Integration Services
- Getting to know the SSIS transformation tasks
- Parameterization and configuration of Integration Services packages
- Deployment and operation of integration services

Implementation of a quality assurance layer

- Introduction of Data Quality Services
- Implementation of customized quality assurance with integration services

Creating DataMarts with Microsoft Analysis Services (Multidimensional and Tabular)

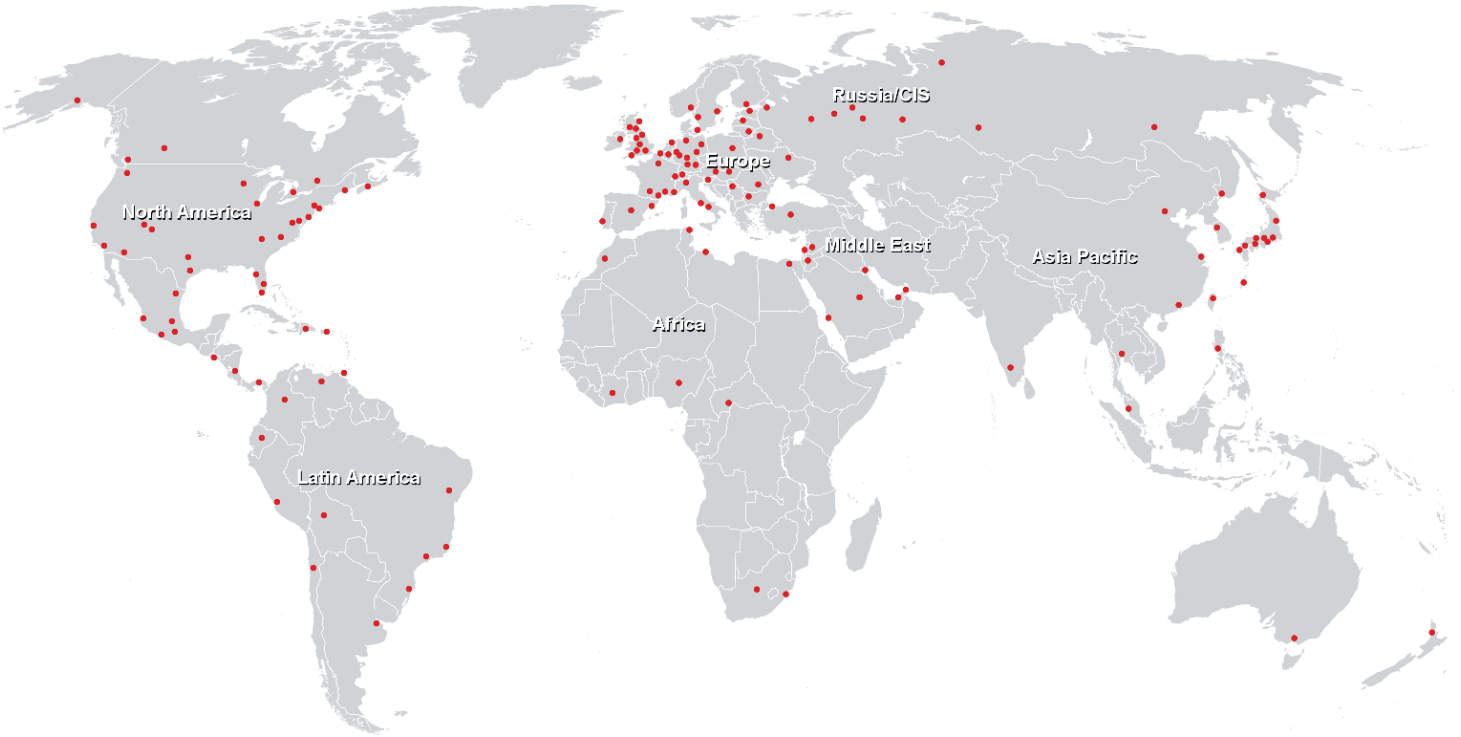
- Creating cubes
- Deployment von Cubes
- Updating cubes

Overview of reporting tools

- Introduction to Power BI and Paginated Reports (SSRS)

Master Class: Building a Data Warehouse in SQL 2025 (BDWSQLMC)

Training Centres worldwide





Fast Lane Institute for Knowledge Transfer (Switzerland) AG

Husacherstrasse 3
CH-8304 Wallisellen
Tel. +41 44 832 50 80

info@flane.ch, https://www.flane.ch